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ES620PE Enterprise IP PHONE

Technical Manual

GUANGZHOU ESCENE COMMUNICATION CO.,LTD.

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1. General Comments

SayHi ES620PE IP Phone series is a new generation intellectual desktop terminal. It brings in you a completely new and more efficient work experience in modern offices.

SayHi IP Phone series is a fashionable, beautifully shaped and high-tech product. Its excellent speech quality gives you an unprecedentedly comfortable talking and its rich function keys make the operation very convenient. One key dial can be easily achieved with proper settings. 4.3" high resolution LCD displayer provides you a friendly user interface. Benefit from which, more detail information can be displayed. With the help of the integrated browser, users can access any XML based information, and extend more commercials.

SayHi ES620PE IP Phone series support multi account registering and multi call management. Call Waiting, Call Queuing and Call Forward can be well implemented; meanwhile, it makes conference to be created very quickly. No matter how busy the calls will be, SayHi IP Phone can easily satisfy the requirement.

SayHi ES620PE IP Phone series supports 6 extend modules that totally contain 192 programming buttons. With the Busy Lamp Field function, operators can manage and monitor the calls more efficiently. It provides headset jack that compatible with professional microphone headsets, which will finely satisfy the call centre**.**

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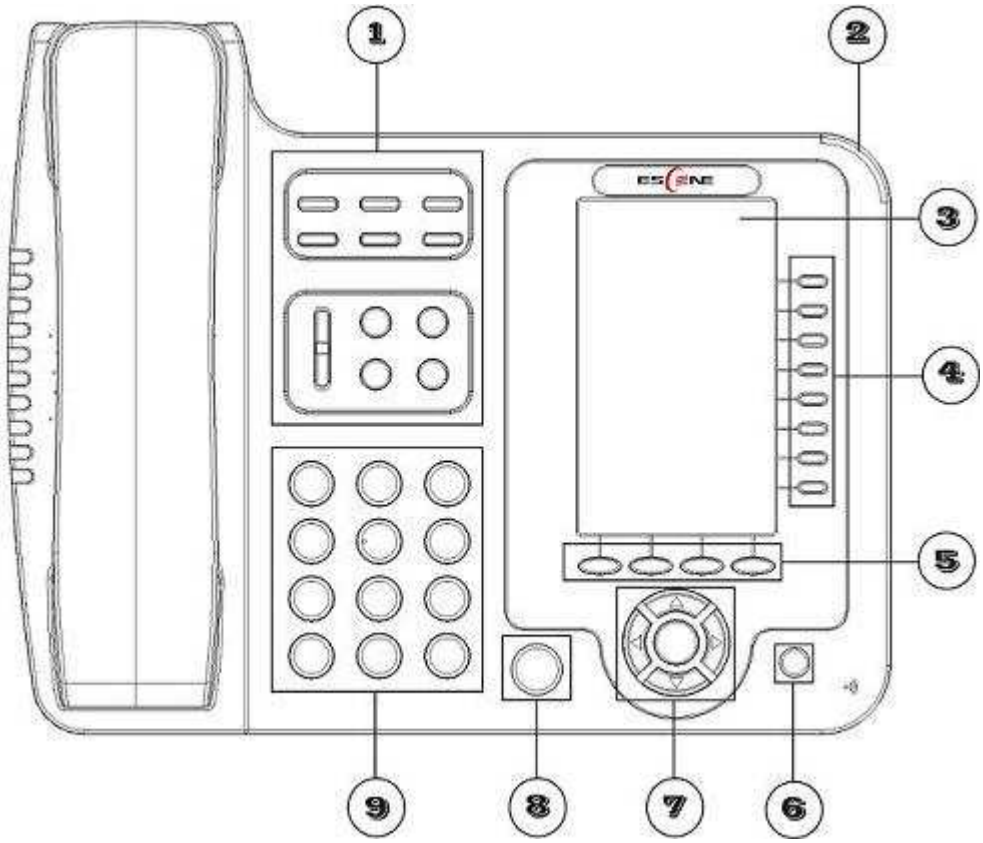
2. Product Appearance and models

（1）Product Appearance



① Function Key（Simple, convenient, fast）
② Call instructions light
③ Screen display(4.3” high resolution, Caller info, Phone status, etc)
④ Line Keypad(Line Status, Line Switch, Speed Dial, Call Queuing)
⑤ Software keypad(Operation screen shortcut, Speed Dial, Call Queuing)
⑥ Delete key
⑦ Navigation keypad(arrow keys, shortcut keys, determine key)
⑧ Hands-free key
⑨ Dial keypad(Figures, Chinese alphabet, English alphabet)

(1) Function keys include: headset key, closed-tone button, message button, menu button, conference button, transfer key, redial key, hold key.

(2) Navigation key areas: up, down, left, right, confirm key. The down key "missed call list" shortcut key, the left key "received calls list" shortcut key, the right key "telephone list" shortcut key.

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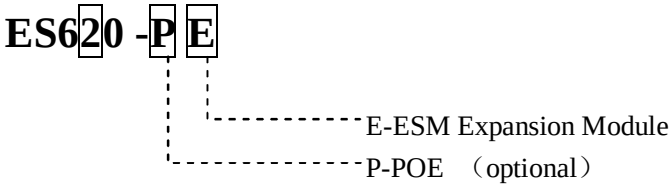
（2）Model Rules Description



3. Product Features:

- **4.3" High Resolution Screen**
  480*272 Pixel high resolution color LCD gives you a sharp visual impact. Benefit from the high resolution LCD, pictures(customizable screen) can be displayed clearly, which may give convenience in customizing advance applications.
- **Clear voice**
  ES620PE series through the unique voice processing technology that enables voice calls for more clarity and realistic, and communication more fluid.
- **Advance Call Process**
  Support 8 lines queuing, Call Sharing/Bridged Lines, multi programming function buttons and Speed Dial buttons.
- **Enterprise Address Book Application**
  Support business contacts(Private)
  private phone book applications, to help users quickly find the number.
- **Value-added business applications**
  ES620PE series of phone can make use of Extensible Markup Language (XML) to quickly access the server Web-based information access through the telephone can be easily customized features or operating business enterprise.
- **Extend Modules**
  Supports 6 extend modules that totally contain 192 programming buttons. With the Busy Lamp Field function(BLF) and Line Share(BLA) , operators can manage and monitor the calls more efficiently.
- **PoE Support and AC power adapter**
- **Support HTTP/TFTP/FTP Auto-provision/TR069 for upgrade software**

4. Technical Features:

Item	ES620PE
Screen	High-definition color LCD with Background light
	480*272 pixel
Line	8
Language	Support Multi-Language

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Function Keys	4 soft keys, 8 Line keys 6 Navigation keys(Arrow button, OK button, C button) Volume adjust, Hands-free, Mute, Headset, Message, Menu Directory, Service, Hold, Redial, Conference, Transfer
VoIP Protocol	SIP 2.0
Network Protocol	HTTP, BOOTP, FTP, TFTP, IEEE 802.1Q, *IEEE 802.1X
Codec	G.723.1, G.729 A/B, G.711 A/U, G.722
QoS	TOS, Jiffer Buffer, VAD, CNG, G.168 (32ms)
Network	2×RJ45 10/100M Ethernet Interfaces (LAN/PC) IP Assignment: static IP, DHCP, PPPoE DNS Client, VPN(L2TP), VLAN/QoS
Speech	HD Voice: HD Codec/Handset/Speaker(Full-duplex) Handle, Headset and Hands-free mode available Support call centre headsets and PC headsets Separated 9 Level Volume Adjustment
Call Processing	Line Status Indicator Multi Account Always Forward, Busy Forward, No-answer Forward Hotline line (Immediately/Delay) Call Waiting, Call Queuing, Line Switching Call Forward, Call Transfer, Call Holding, Call Pickup, *Callback One Key Dial, Redial Phone directory speed dial, call record direct dial 3-way conference, SMS DnD, *Blacklist Voice mail, Voice Prompt, Voice Message BLF, BLA, Speed dial
Expansion Interface	EXT: ESM32 programmable Key module *USB port
Application	Public phone directory(Private) Private phone directory XML Phonebook, Adjustable bracket *Photograph album, Wall Mounted Used as intellectual functions
Security	Login the LCD by password Login the website by password Signaling encryption Media encryption
Management	Upgrade: HTTP/TFTP/FTP Auto-provision/TR069 Configurations: Phone/HTTP/Auto-provision/TR069 Debug: Telnet/Phone/Web
Power Supply	Power adapter:AC100~240V input and DC 12V/1A output PoE(IEEE 802.af)
Specifications	Storage Temperature: 0℃ ~ 60℃

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	Operating Humidity: 10%~90% Size: 275mm*215mm*90mm Net weight:1.37kg
Package Features	Qty/CTN:10 PCS N.W/CTN:13.7kg G.W/CTN:14.2kg Measurement:0.081CBM Carton Meas: 470mm*450mm*290mm
Certifications	CE, FCC, RoHS

Note: "*" Sign means function has not been published yet.

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